

## **Ute Tribal 31-04 AOR CBLs**

[Ute Tribal 30-13](#)

[Ute Tribal 30-14N](#)

These wells are hyperlinked to Utah Division of Oil, Gas and Mining (DOGM). The CBL can either be viewed or downloaded.

Wells that are in the AOR, but do not have hyperlinks have attached PDFs of the CBL:

Ute Tribal 31-05



HALIBURTON

CEMENT  
BOND  
LOG

Ch

COMPANY PETROGLYPH OPERATING COMPANY											
WELL UTE TRIBAL #31-03											
FIELD ANTELOPE CREEK											
COUNTY DUCHESNE STATE UT.											
Well No		12-0-0 302335		Other Services							
Location		SW/4NW 1300 NW 1300 SW									
Sec		17		Twp		5S		Rge		3W	
Perm Perfor Datum		GL		Elev		6274		Elev		K B 6234	
Log measured from		K B		10		4 above perm datum		OF		5233	
Drilling measured from		K B						GL		6274	
Date @ Time Logged		3-3-93 @ 10:15		Type fluid in hole		WATER					
Run No		1		Density of Fluid							
Depth - Driller		5529		Fluid Level		FULL					
Depth - Logger		542'		Cement Top Est. Logged		1565					
Bottom - Logged Interval		541.5		Equipment Location		7609		5360.5			
Top - Logged Interval		1330		Recorded by		EDMUNDS					
Max. Inc. Temp. deg F		128		Witnessed by		MAY SEARLES					
CEMENT LOG DATA		Surface String		Protection String		Production String					
Date Time Cemented											
Primary Squeeze Expected											
Compressive Strength		psi @ hrs		psi @ hrs		psi @ hrs					
Cement Volume											
Cement Type		Weight									
Formulation											
MUD Type		MUD Wgt									
RUN		BOREHOLE RECORD		CASING & TUBING RECORD							
NO		Bit From To		Size Sds Wgt		From To					
				8.625" 1#		SURF 365					
				8.50"		SURF TO					

February 1993

Service Ticket No.	376275	API Serial No.	43 013 31035	Firmware Version	3.1 v3.10
The Well Name, Location, Measuring Data & Borehole Description is furnished by Client					
CEMENT PLUG DATA					
Cement Pumped	bb (men @	psi		Joint From	
Preceding Fluid	volume	bbl	Desturizer	Joint From	10
Reinforced (Full Partial None)??				Joint From	10
Free Rotated / Reciprocated					
	Doing Pumping (Yes No)??			Joint From	10
	After Plug Down (Yes No)??		Scratchers	Joint From	10
Plug Bumped (Yes No)??				Joint From	10
Plug Landing Pressure	psi				
Pressure Held	psi	Hrs After Pumping			
EQUIPMENT DATA					
EAMMA		NEUTRON		ACOUSTIC	
Run No		Run No		Run No	
Serial No	33109	Serial No		Serial No	HA04E
Model No	HA-0035	Model No		Model No	HA-CBT
Diameter	3.375	Diameter		Diameter	3.25"
Detector Model No		Log Type		No of Cent	2
Type	SCOUT	Source Type		Spacing	3' & 5'
Length		Serial No			
Distance to Source		Strength			

[illegible]

THANK YOU FOR USING HALLIBURTON ENERGY SERVICES 1-800-874-2550  
CORRELATED TO HES SDL/DSN LOG DATED 3-23-98  
SHORT JOINS: 3232 TO 3238 & 4714 TO 4754

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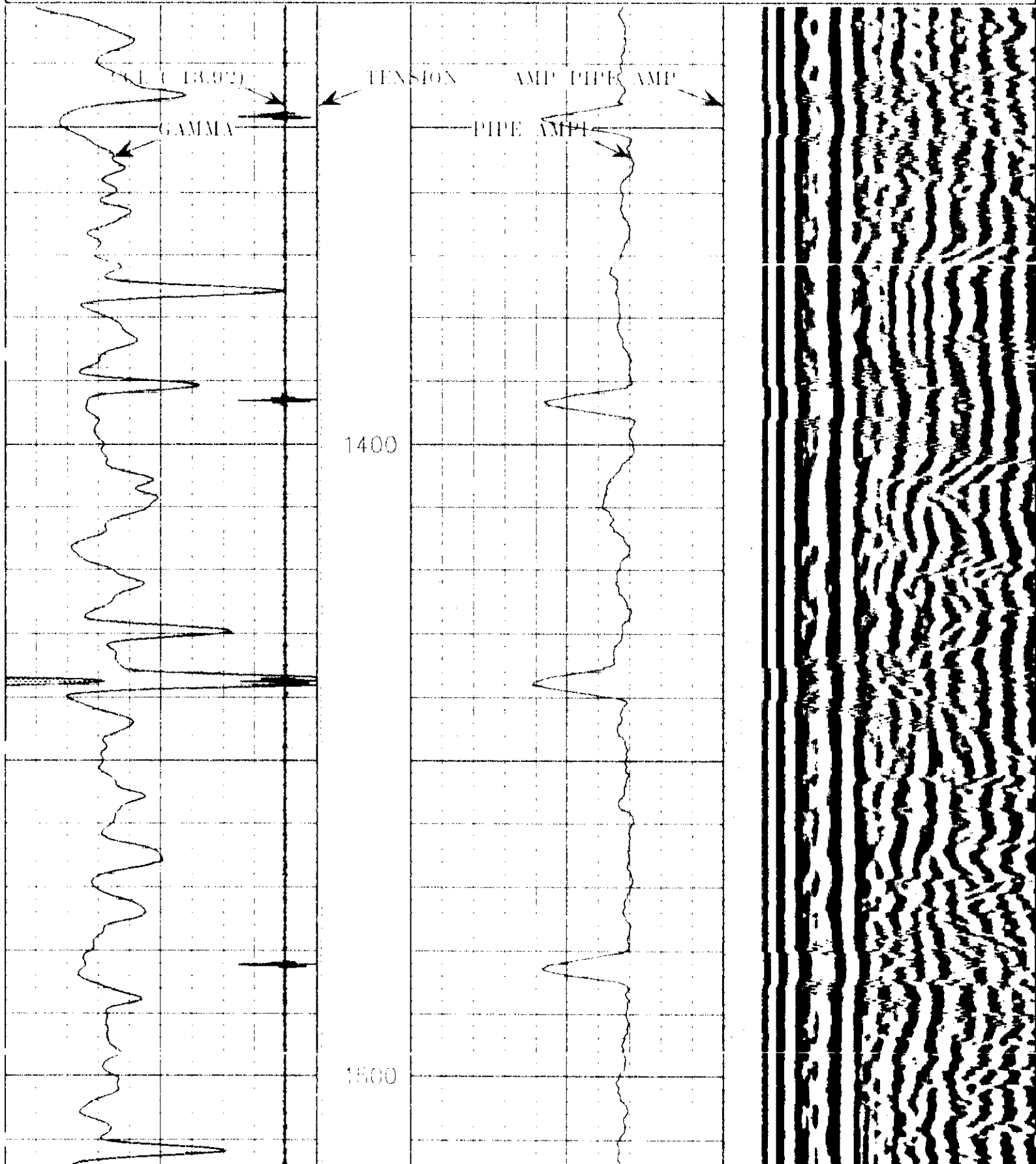
MILLER, ETON

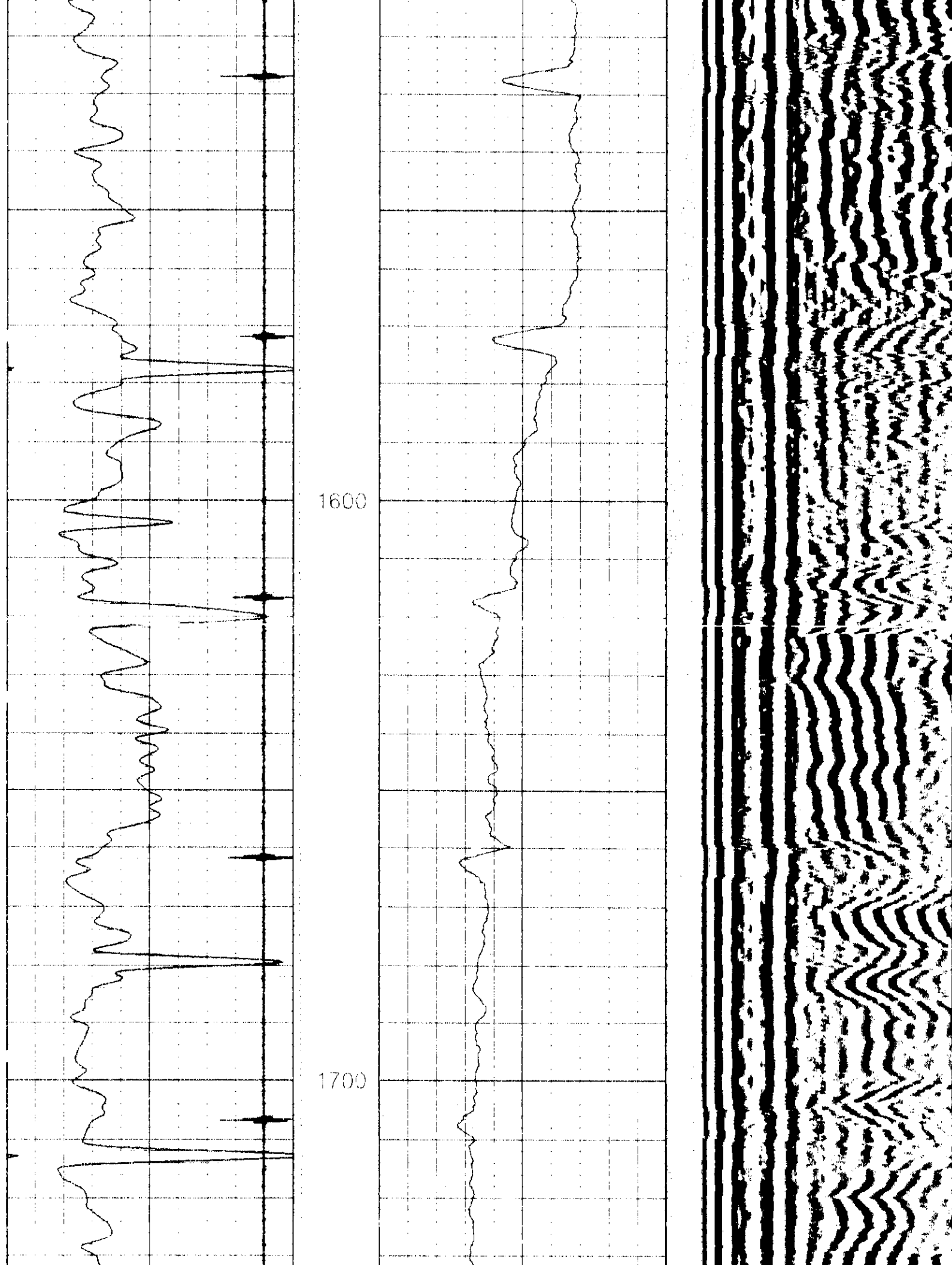
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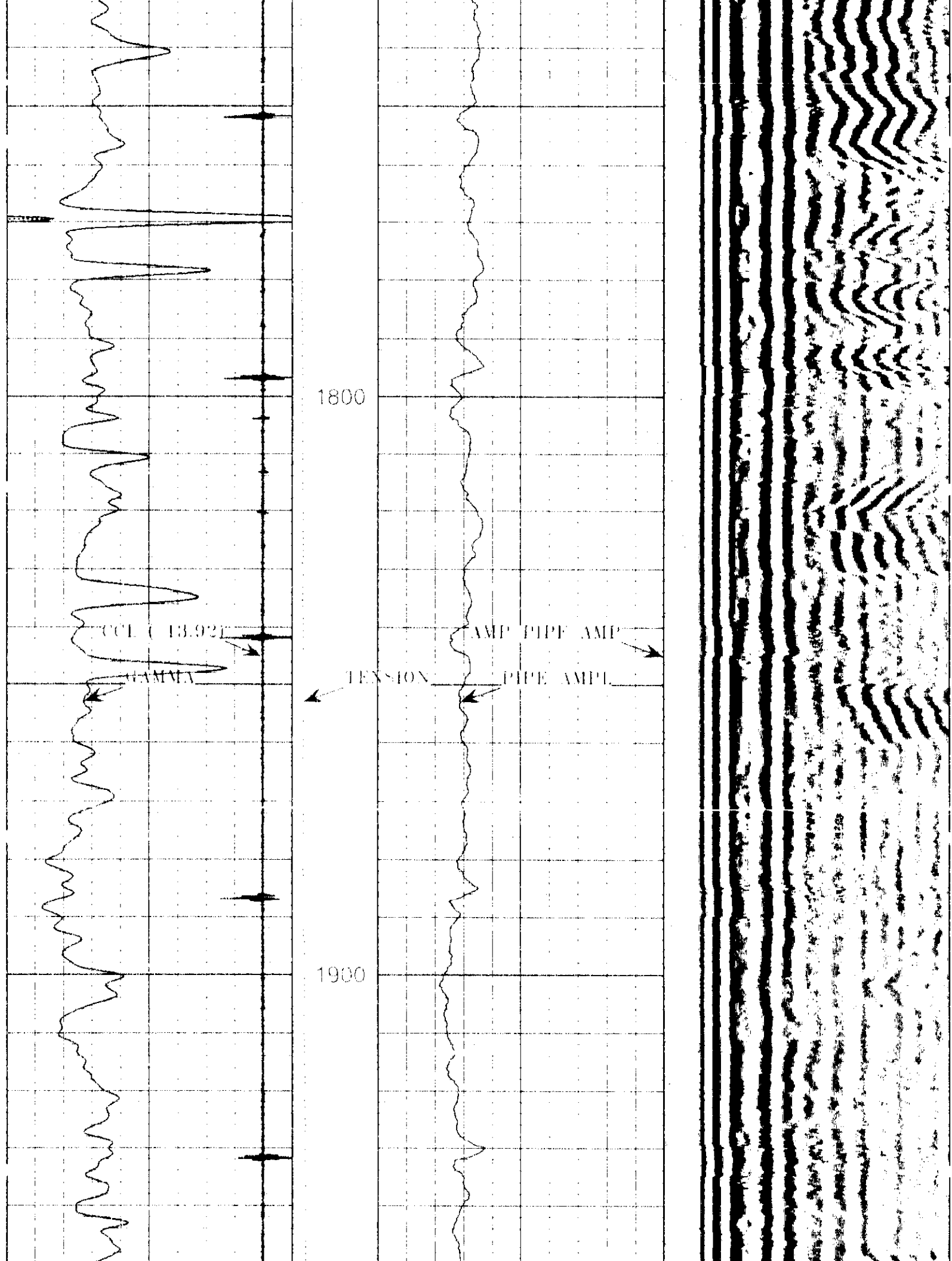
Mnemonic	Tool	Parameter Description	Value	Units
PERF	AN_HD	PERFORATED INTERVAL	NO	FT
TD	AN_HD	TOTAL DEPTH	0.	
GR_OK	UGR	DO GAMMA CALCULATIONS	YES	
CASED	UGR	IS THIS A CASED HOLE	YES	
CCLSEL	UCCL	CCL PROCESSING SELECTION	RAW	
CCLOFFS	UCCL	CCL PERFORATION OFFSET	0	
BONDOK	CBL	DO BOND CALCULATIONS?	YES	
INVWVF	CBL	INVERT WAVEFORMS?	NO	
SELA	CBL	AMP RECEIVER SELECTED	NEAR	
SELM	CBL	MSG RECEIVER SELECTED	FAR	
SELT	CBL	TT RECEIVER SELECTED	NEAR	
S_GATE	CBL	SHOW PIPE GATE ON MSG ?	YES	Inches
BI_OK	CBL	DO BOND INDEX CALCULATIONS?	YES	
BIM1	CBL	BONDINDEX CALCULATION METHOD	CHRT	
CASEOD	CBL	CASING DIAMETER (OD)	5.5	
CASEWT	CBL	CASING WEIGHT	17.	
CSTR	CBL	COMPRESSIVE STRENGTH	1000.	
ISFOAM	CBL	IS THE CEMENT TYPE FOAM?	NO	
ISMUD	CBL	IS FLUID IN HOLE DRILLING MUD?	NO	
MUDWT	CBL	BOREHOLE FLUID WEIGHT	9.5	
TTVL	CBL	TRAVEL TIME THRESHOLD MV.?	5.	
GADI	CBL	PIPE GATE WIDTH (USEC) ?	40	Pounds/Gal.
TDU_OK	TDUB	USE TDU DISPLAY CONTROLS?	YES	

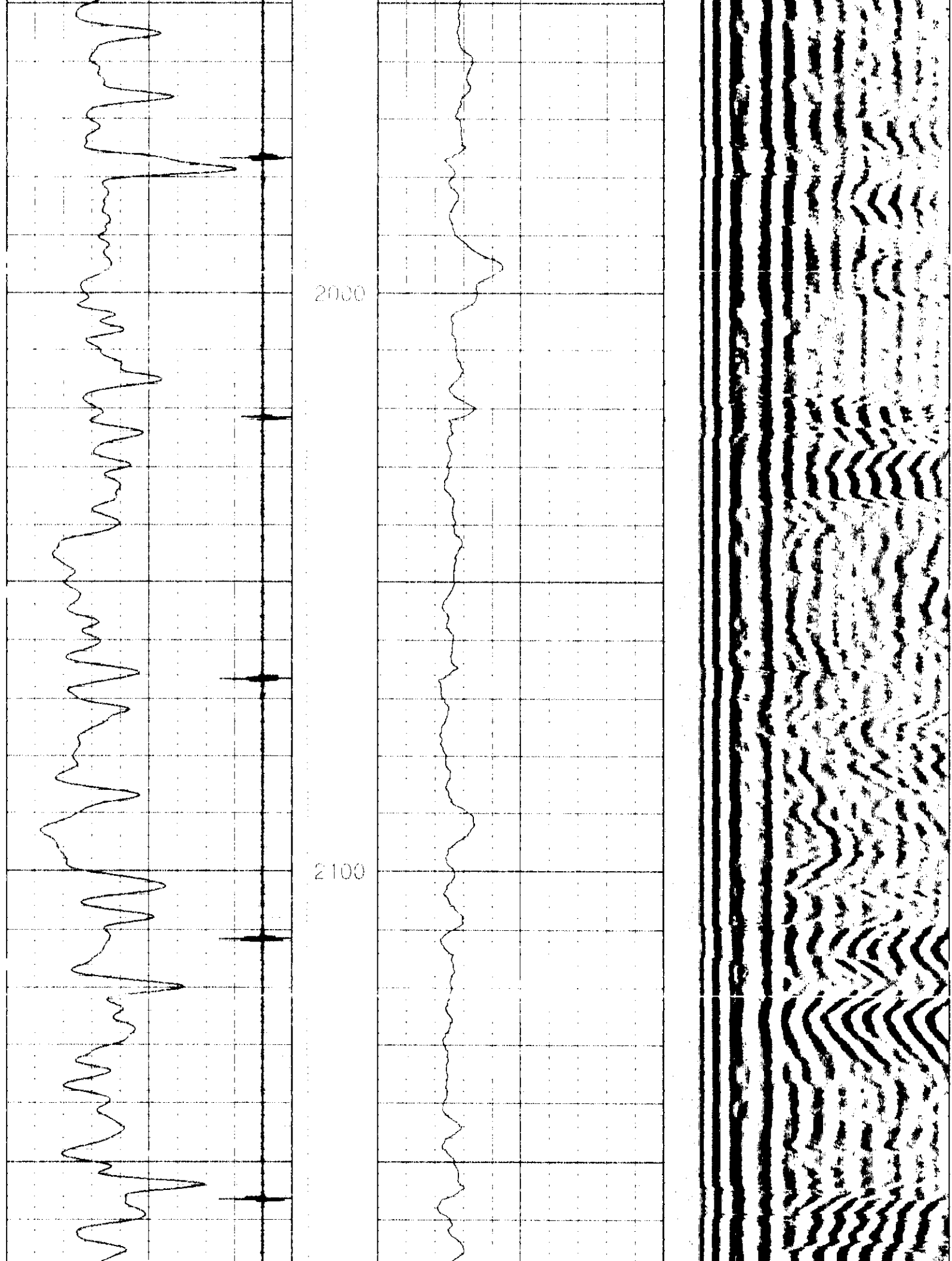
## MAIN LOG

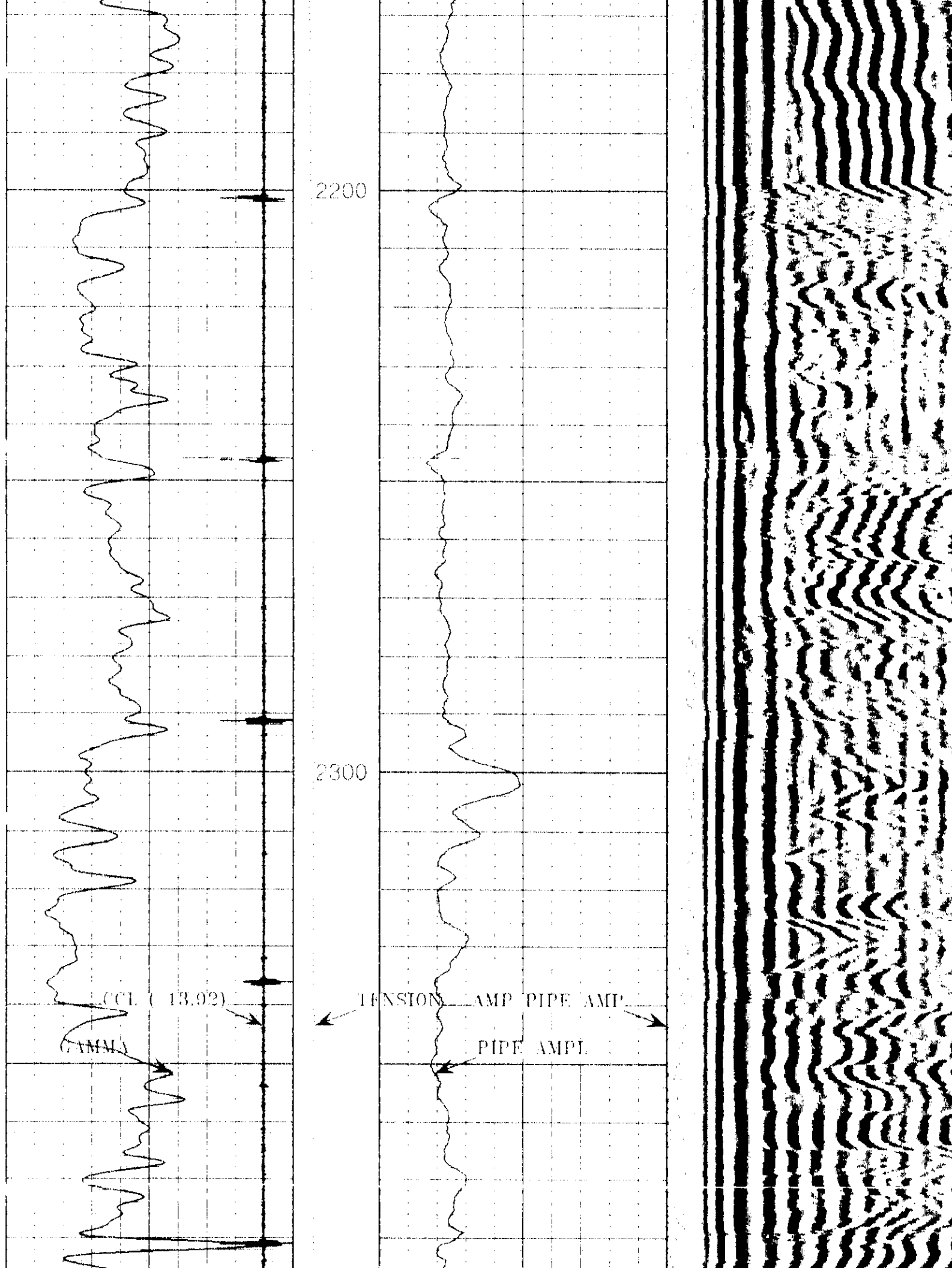
GAMMA GAMMA API CCL ( 13.92)	TENSION POU 2500	PIPE AMPL AMP PIPE AMP	MSG 4-USEC 1200
0 3650	150 1 240 Ft	0 10	200 50



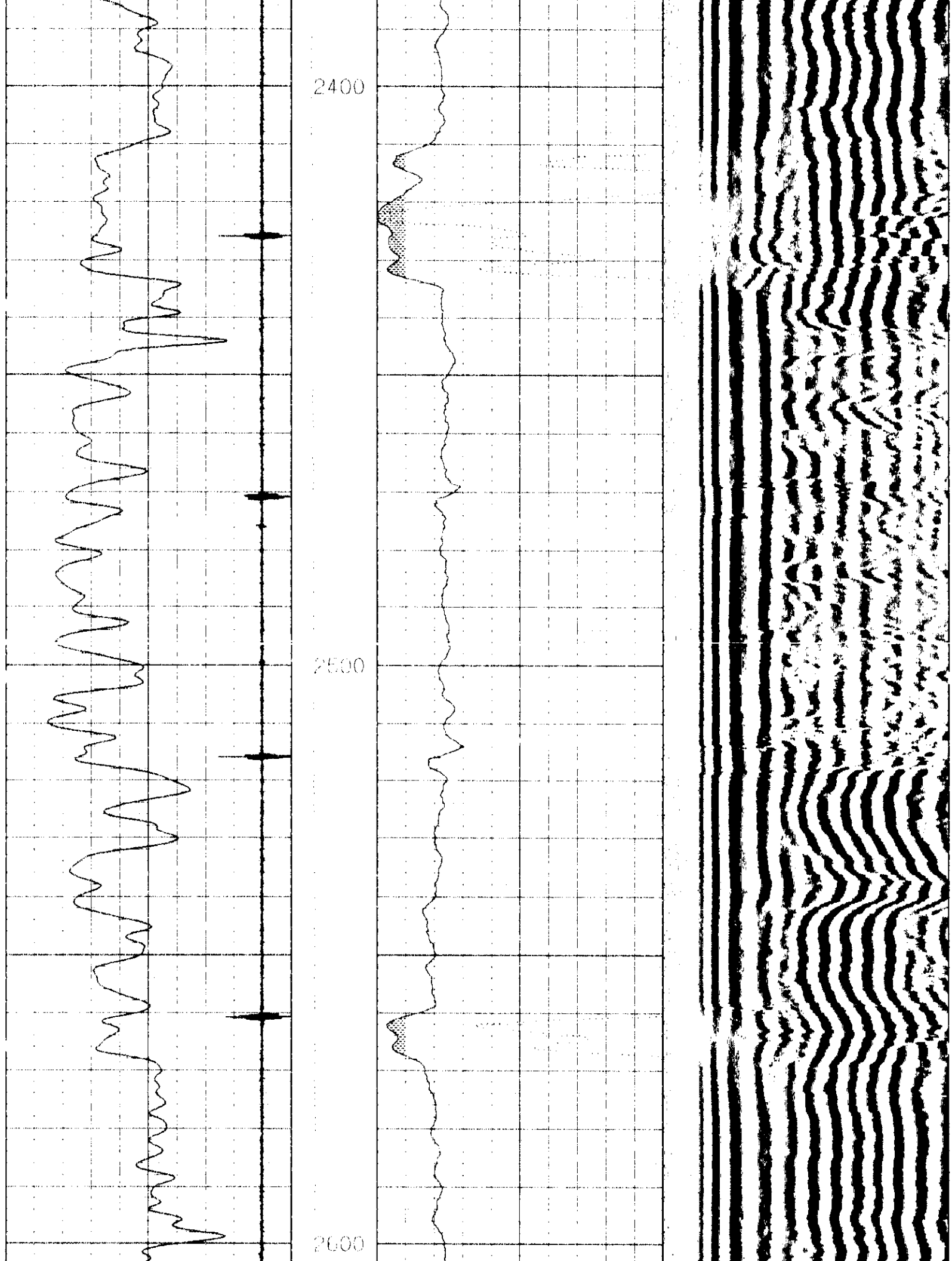


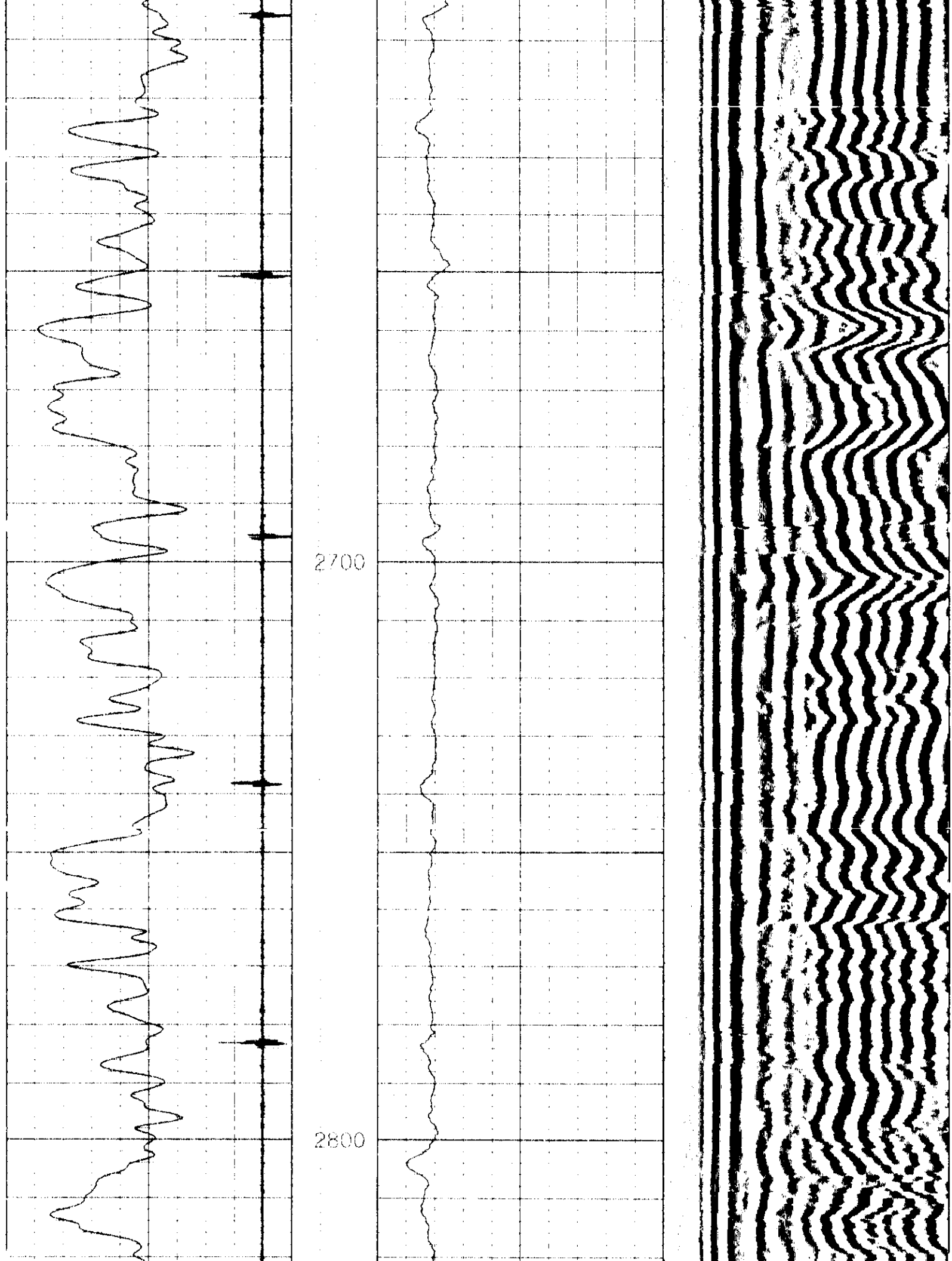


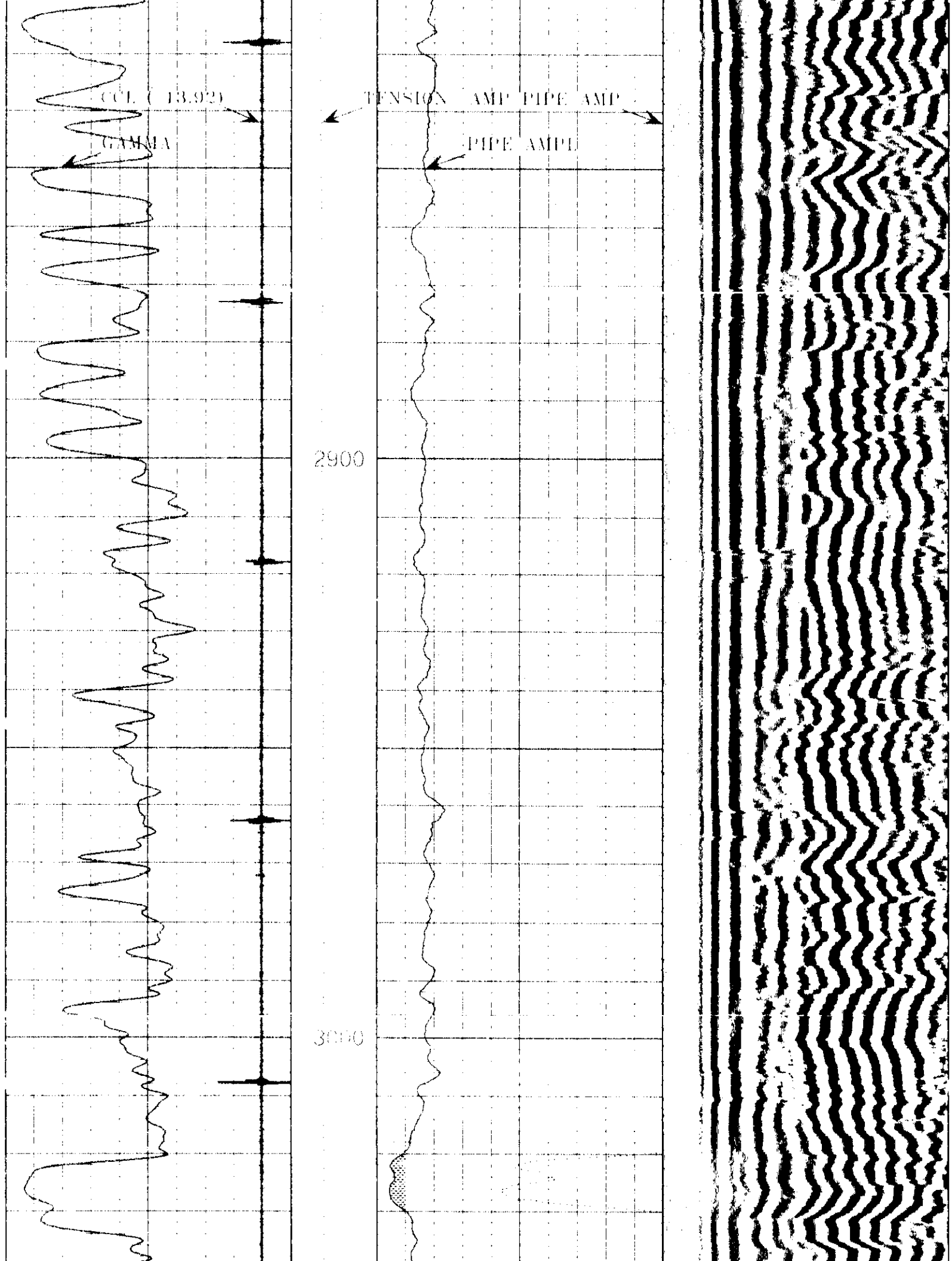


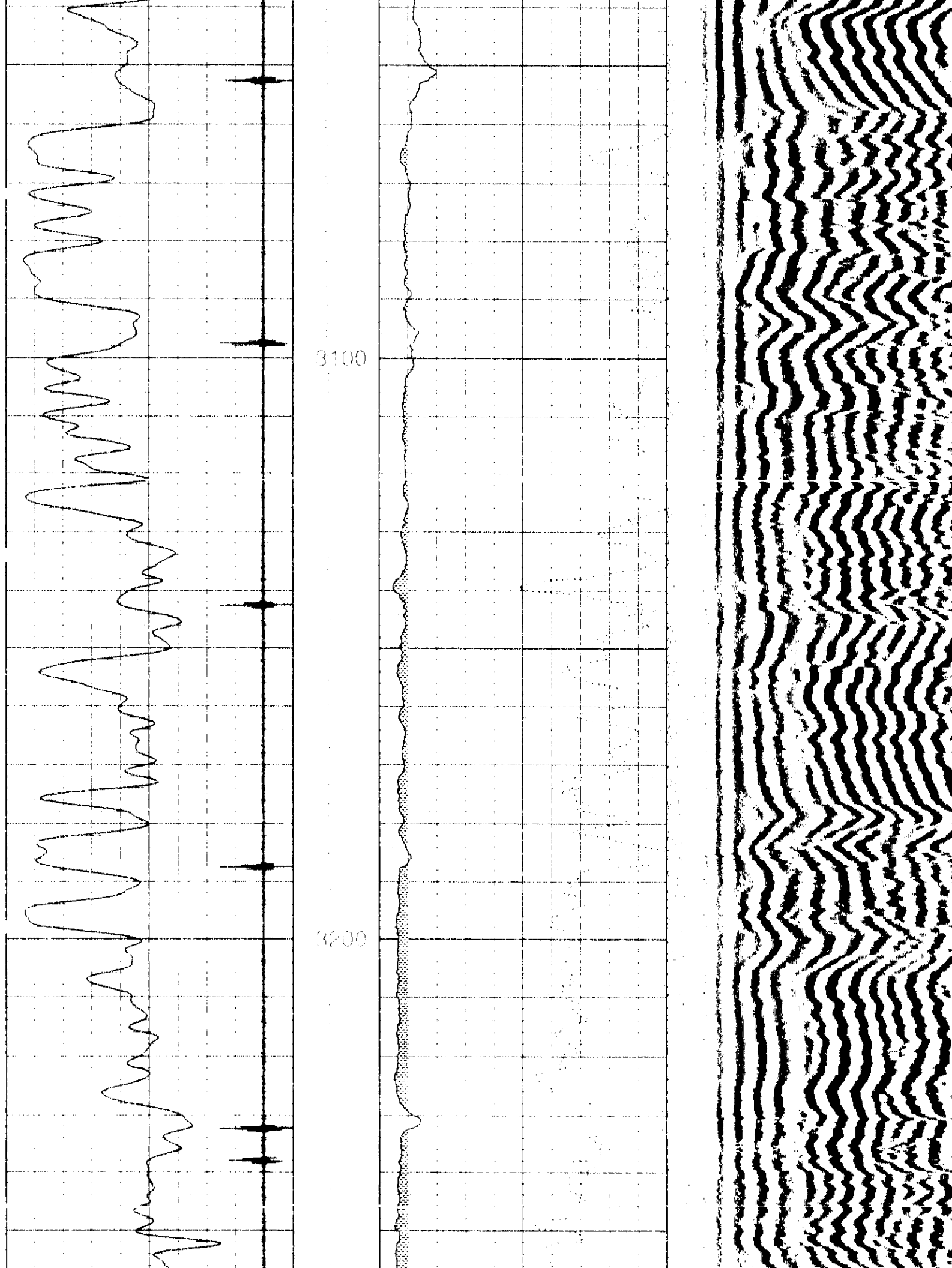


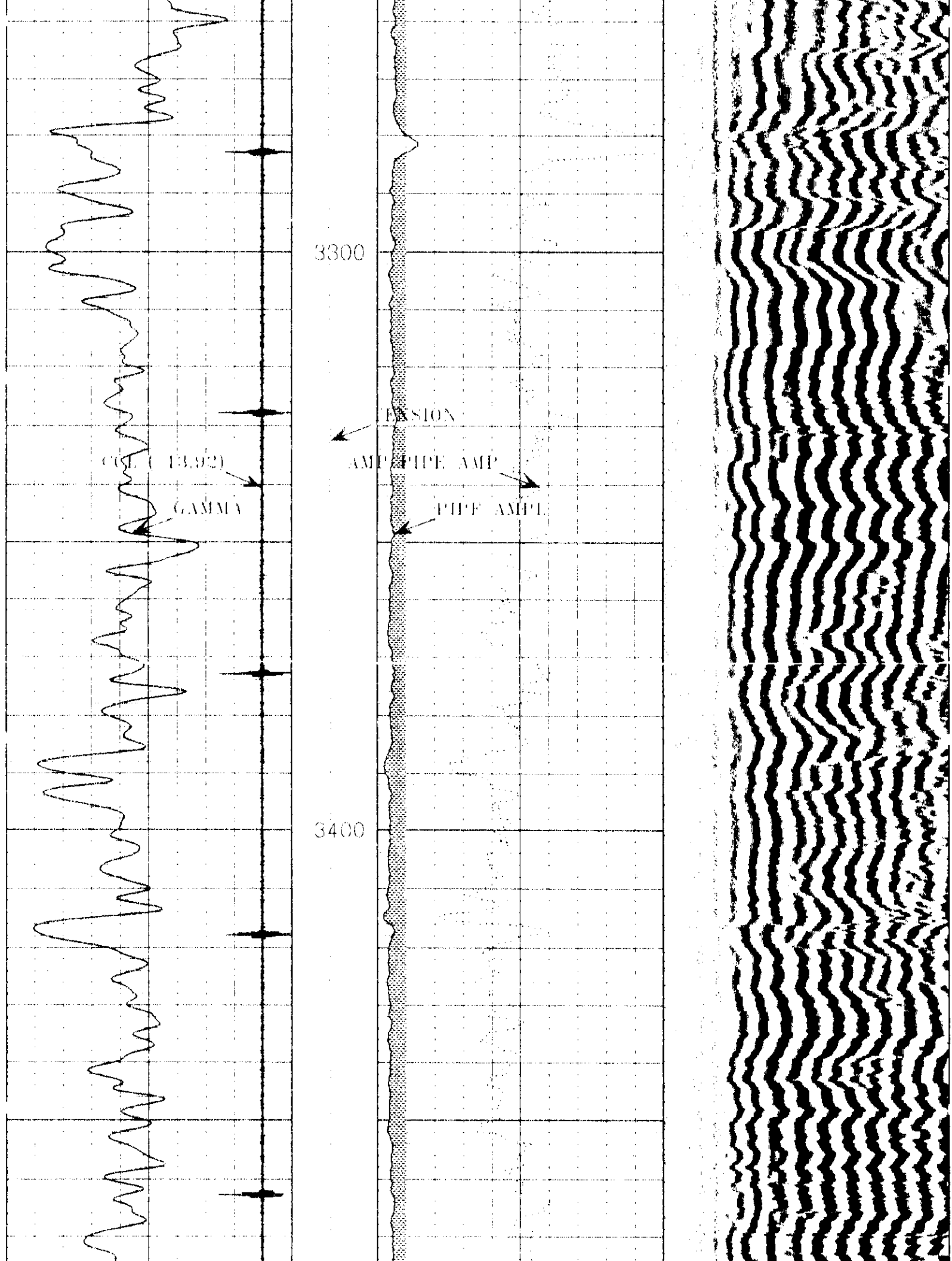


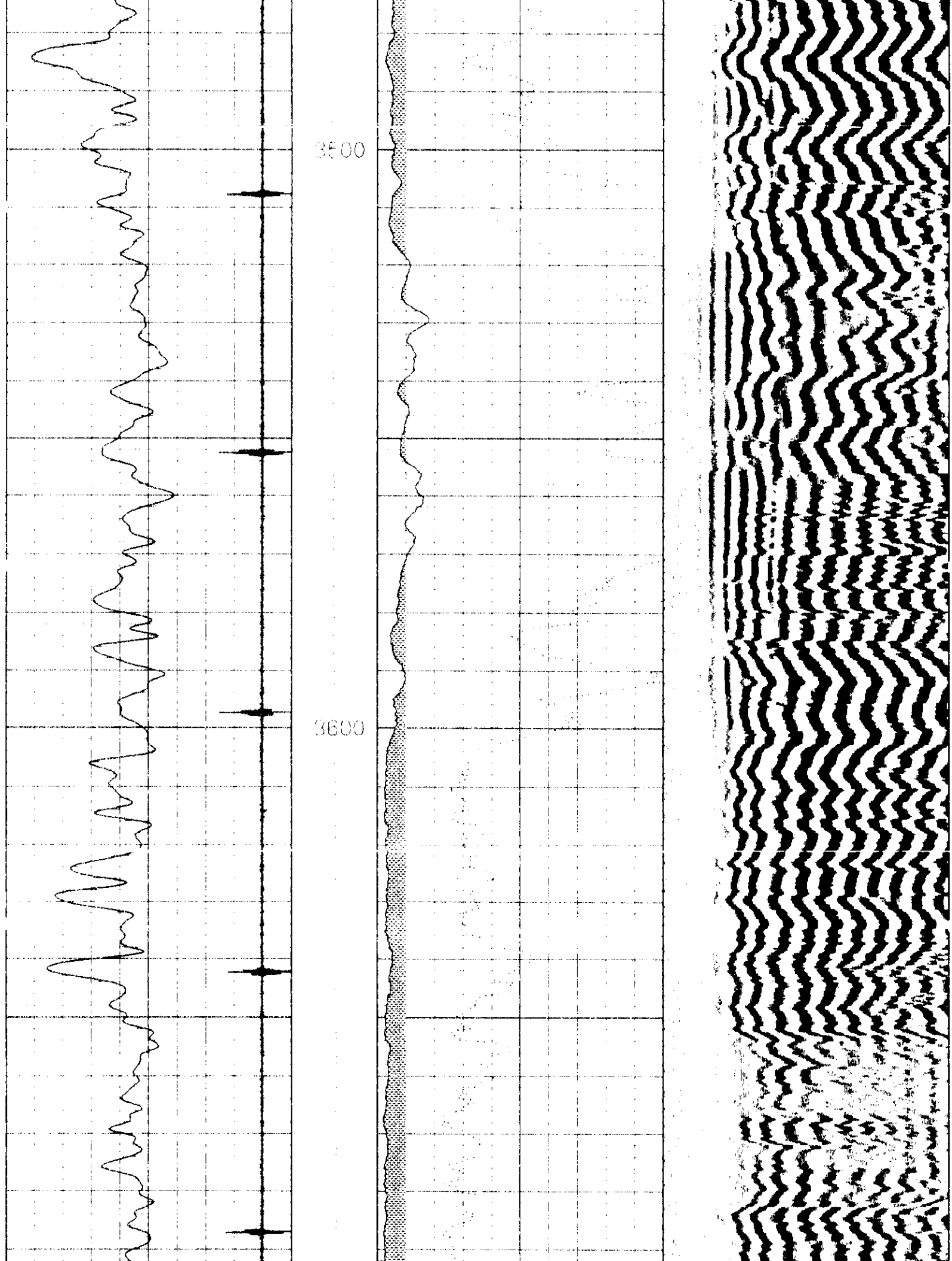


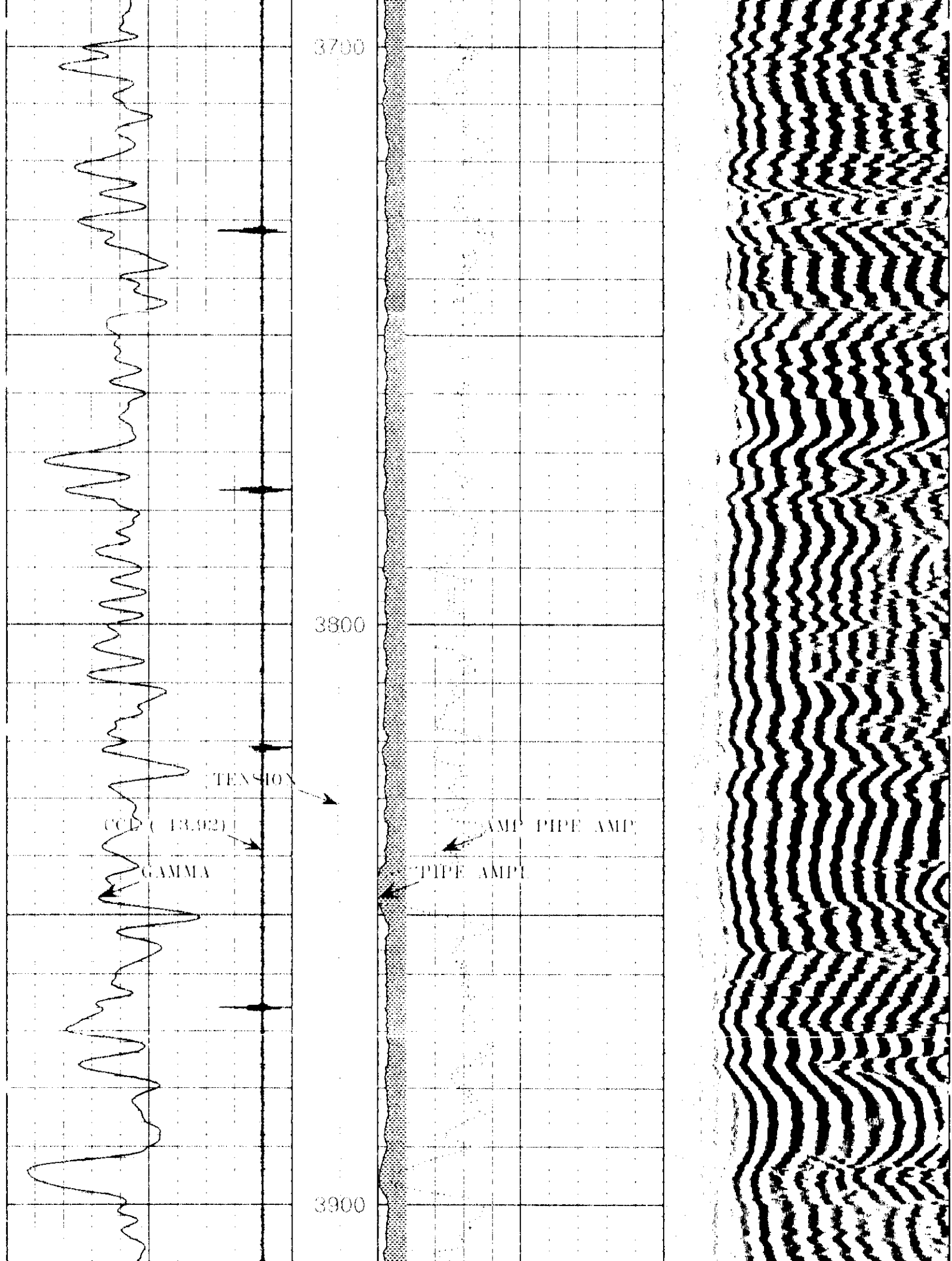


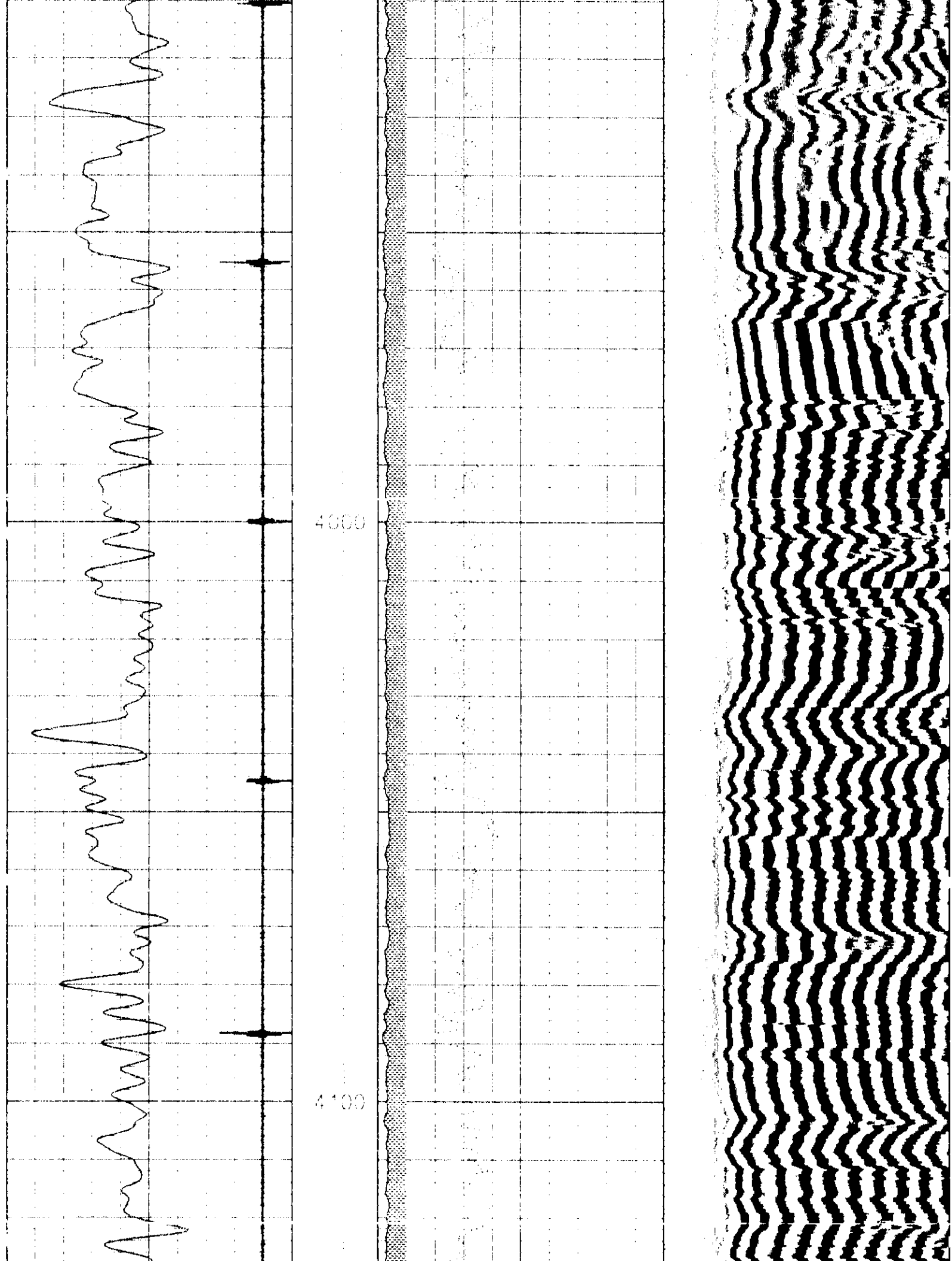




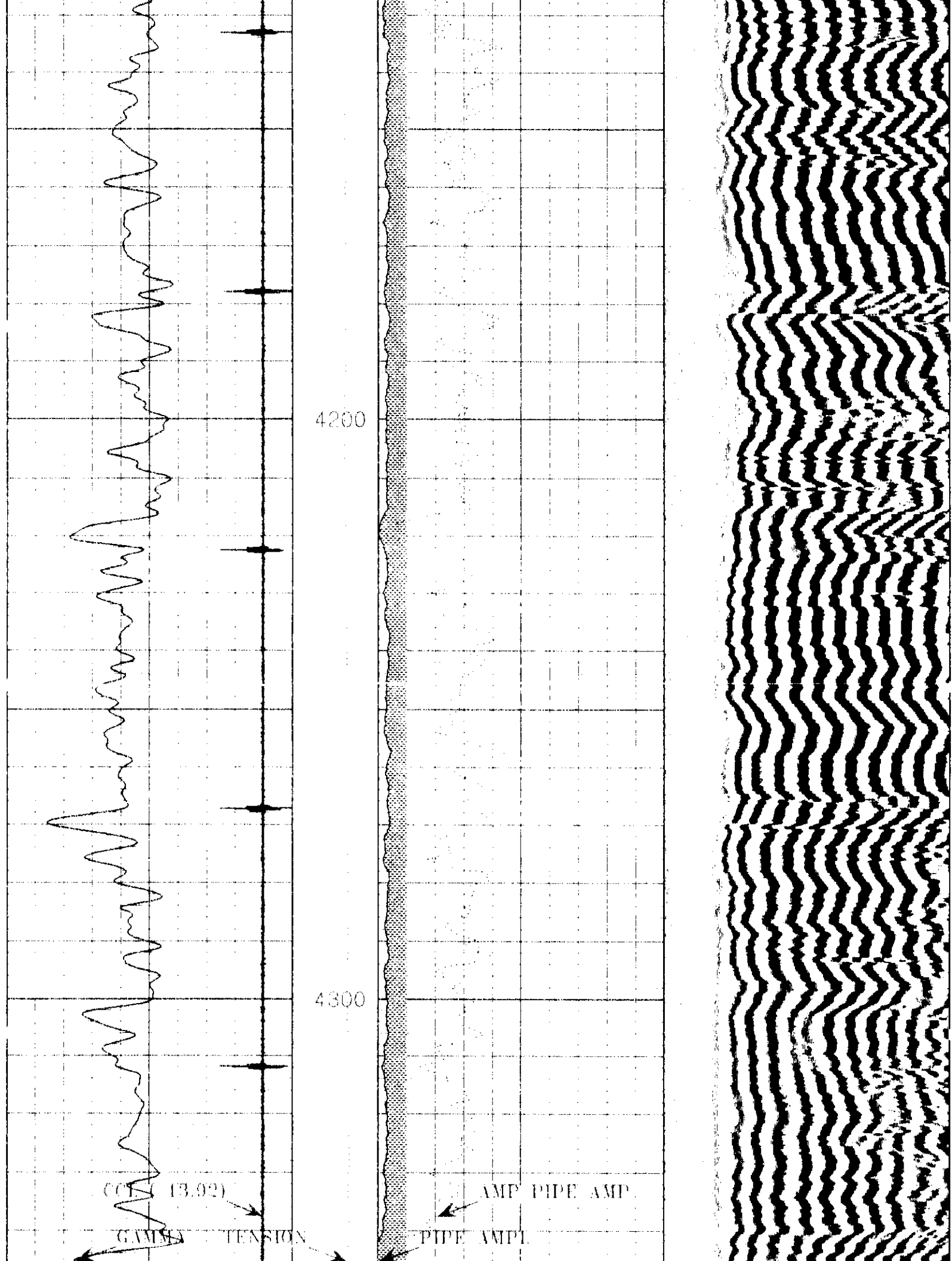


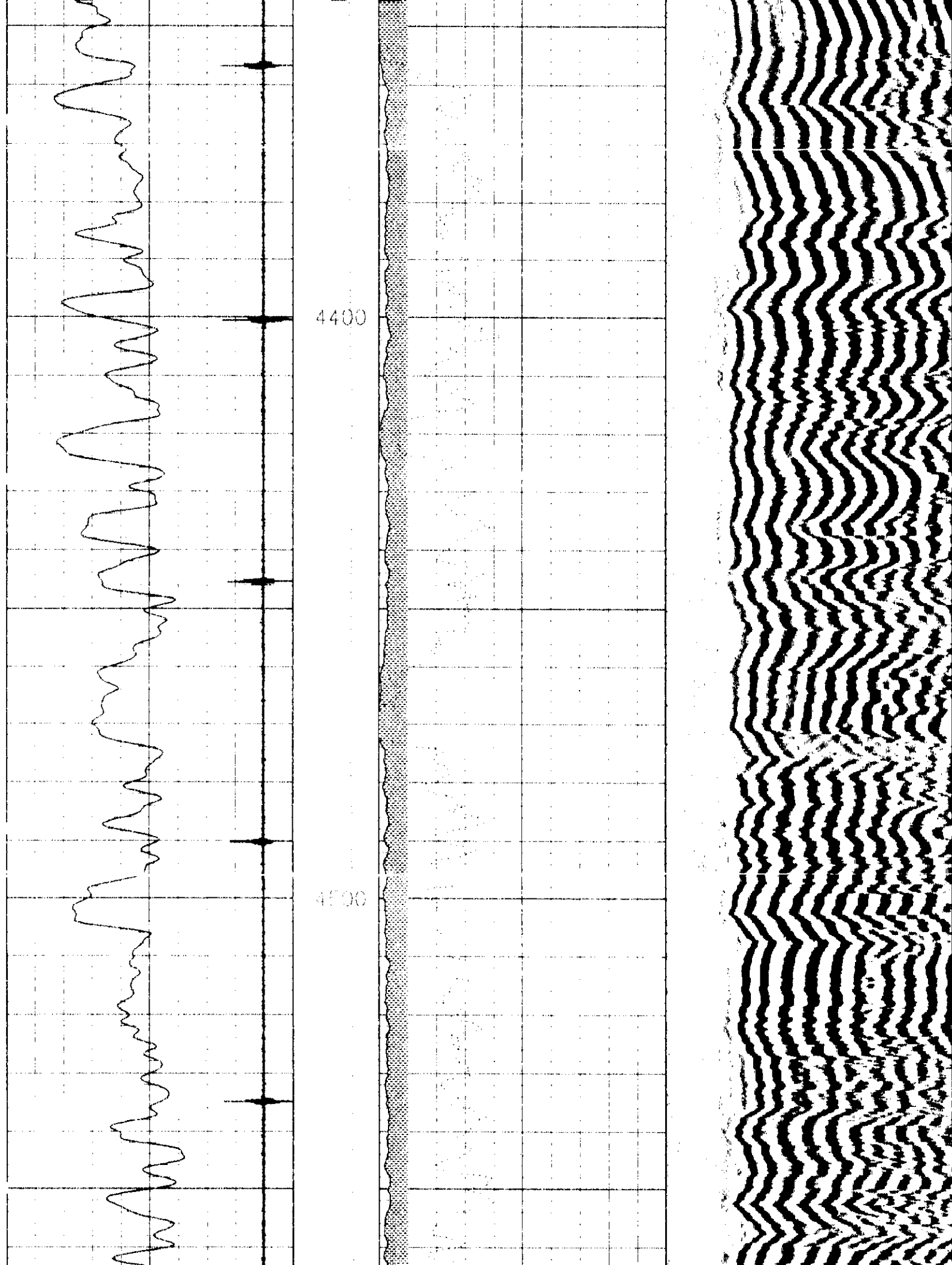


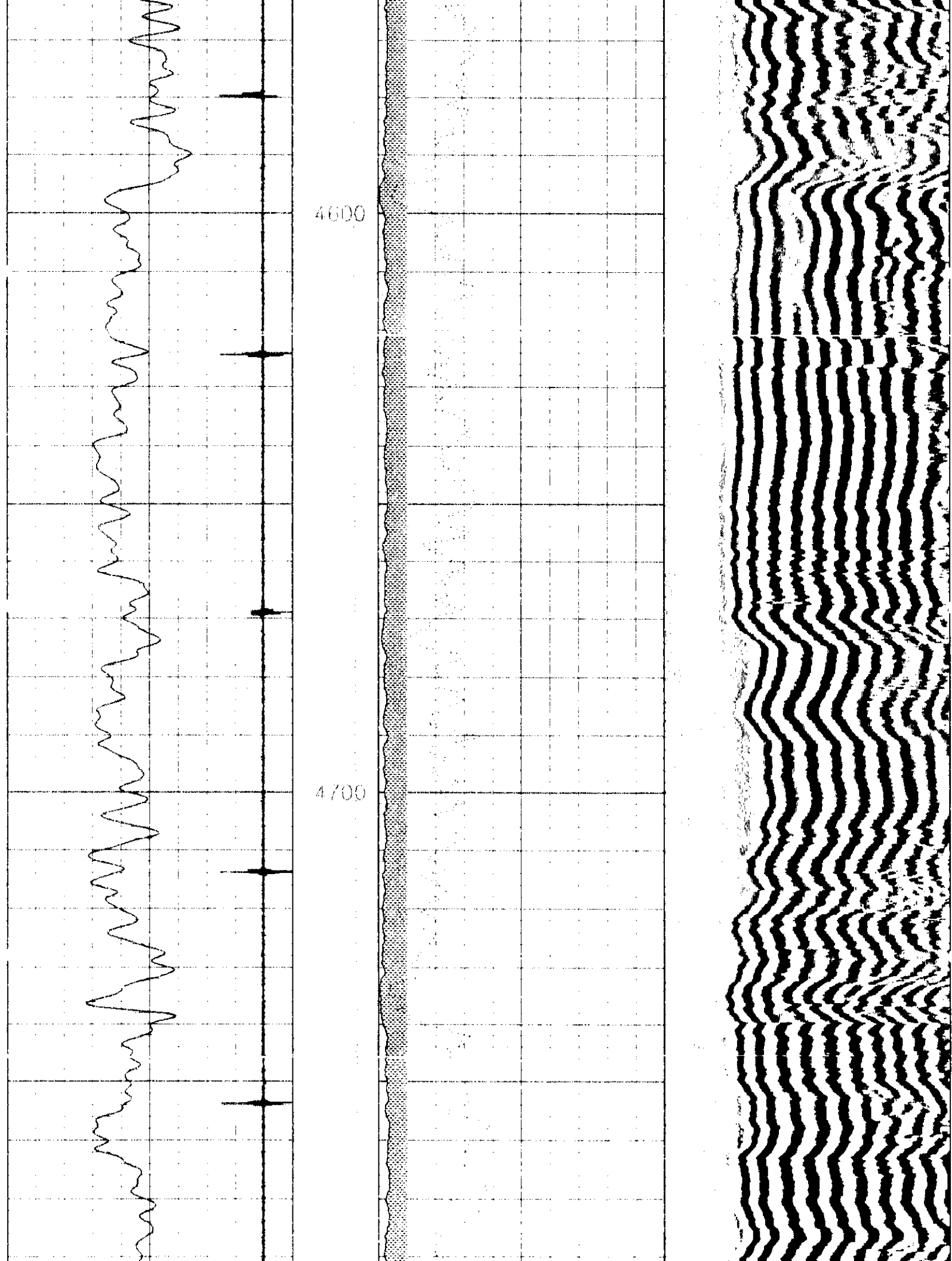


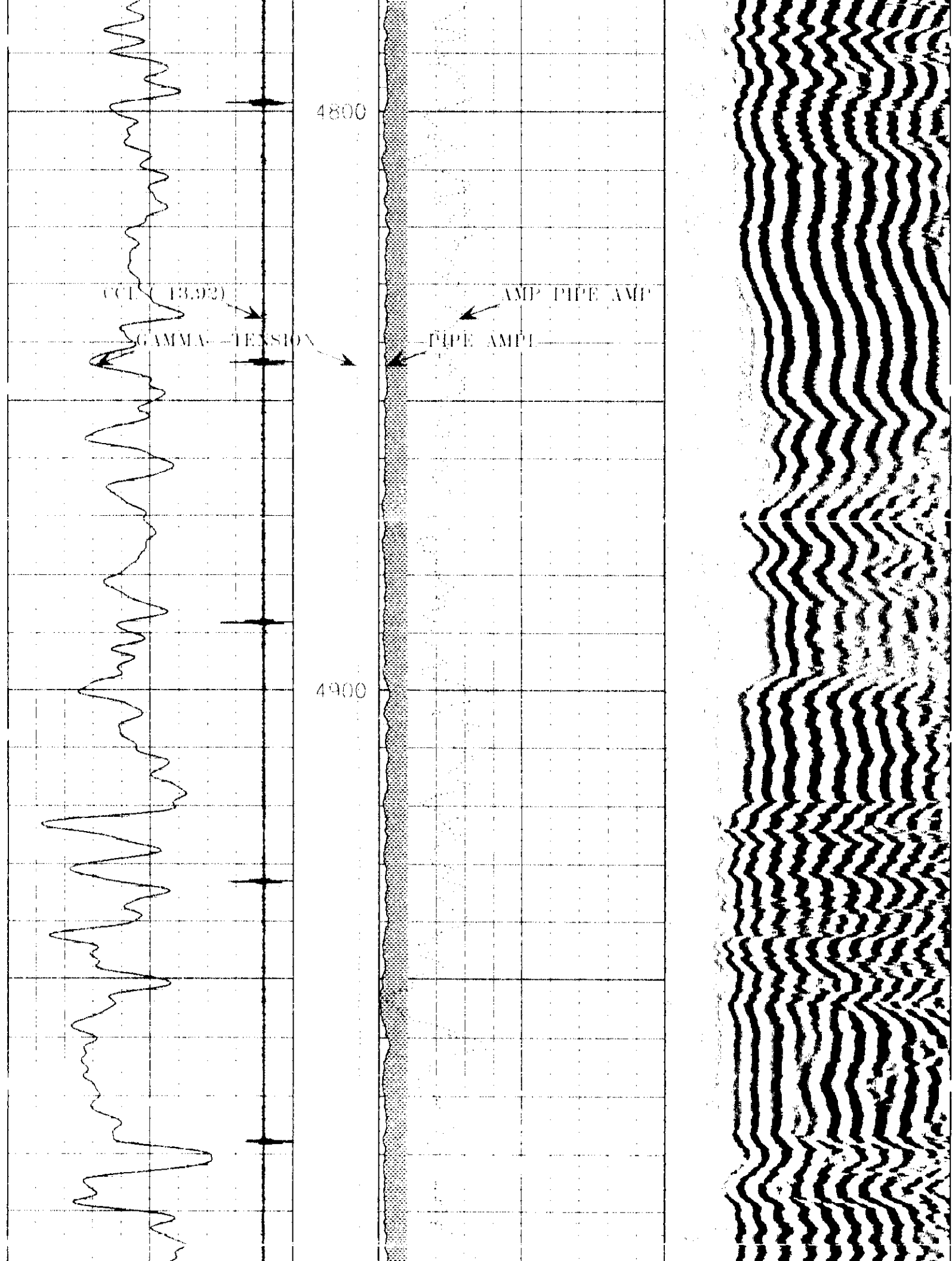


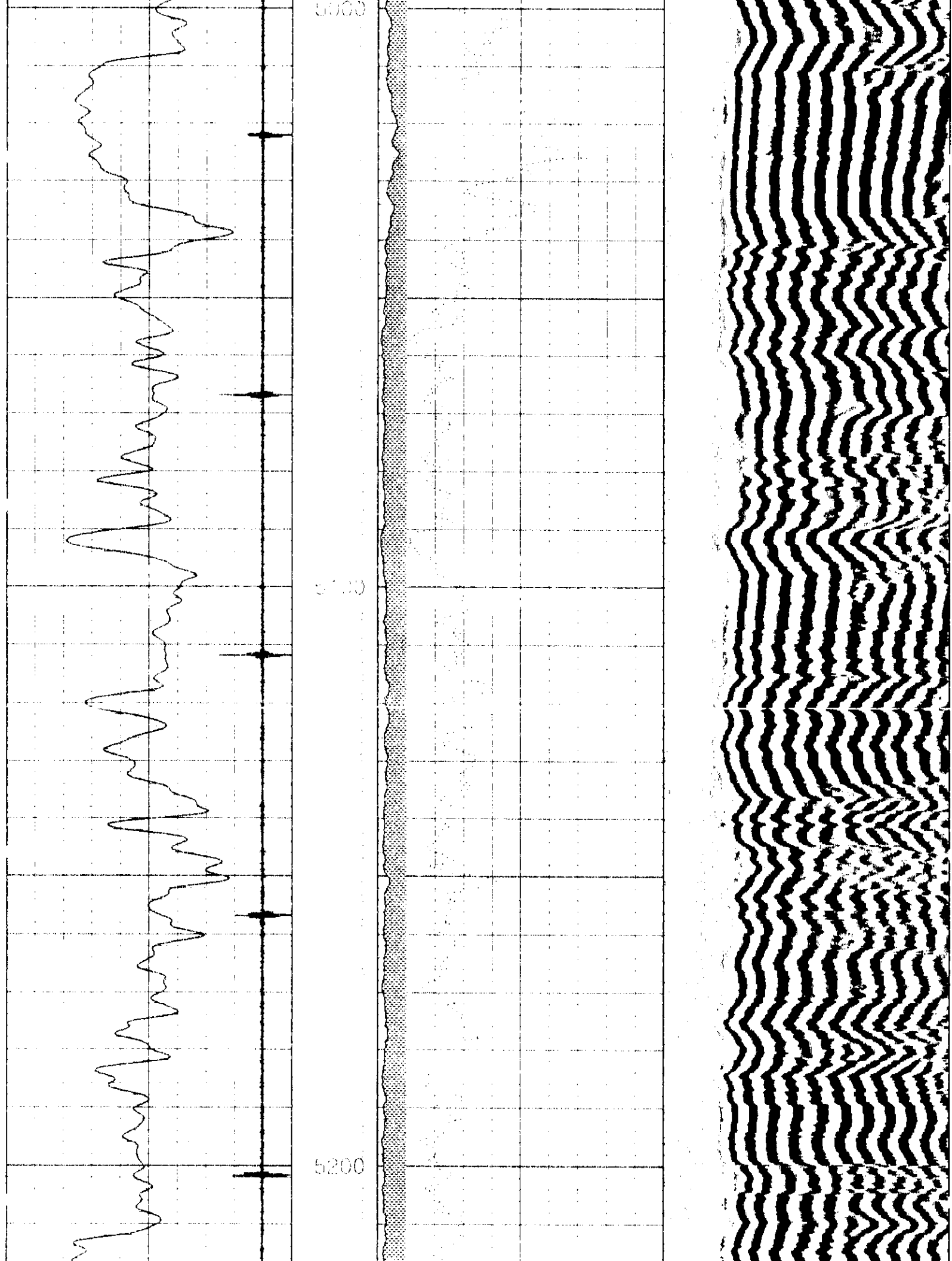


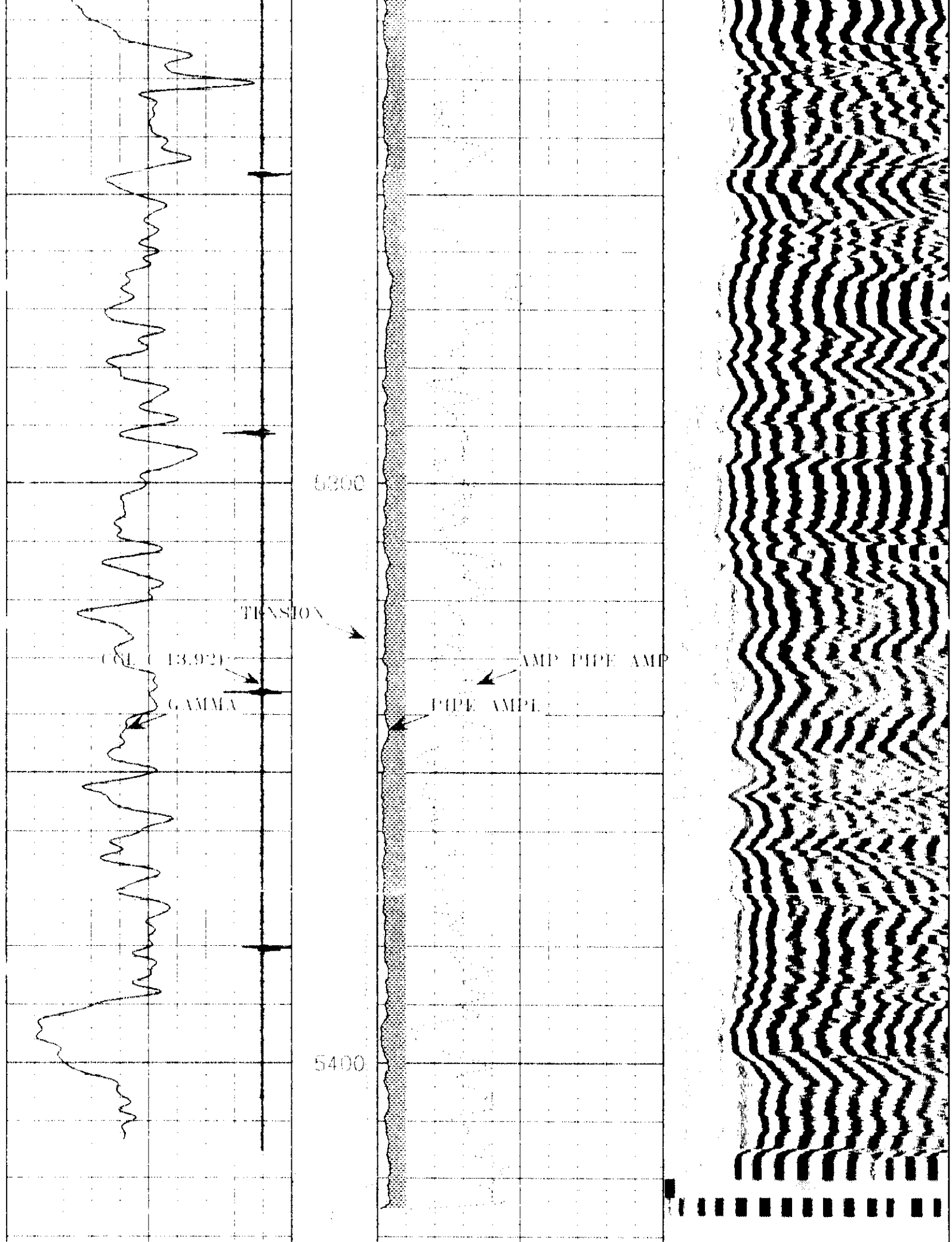












300

-50

0	CCL (13.92)	3650	1240 FT	0	AMP PIPE AMP	10			
0	GAMMA GAMMA API	150	TENSION POU/1850	0	PIPE AMPL	100	200	MSG 4-uSEC	1200



HALLIBURTON

EXCELL+  
SOLUTIONS

100% QUALITY  
100% SAFETY  
100% RELIABILITY

100% QUALITY  
100% SAFETY  
100% RELIABILITY

100% QUALITY  
100% SAFETY  
100% RELIABILITY

## MAIN LOG

## REPEAT SECTION



HALLIBURTON

EXCELL+  
SOLUTIONS

100% QUALITY  
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100% RELIABILITY

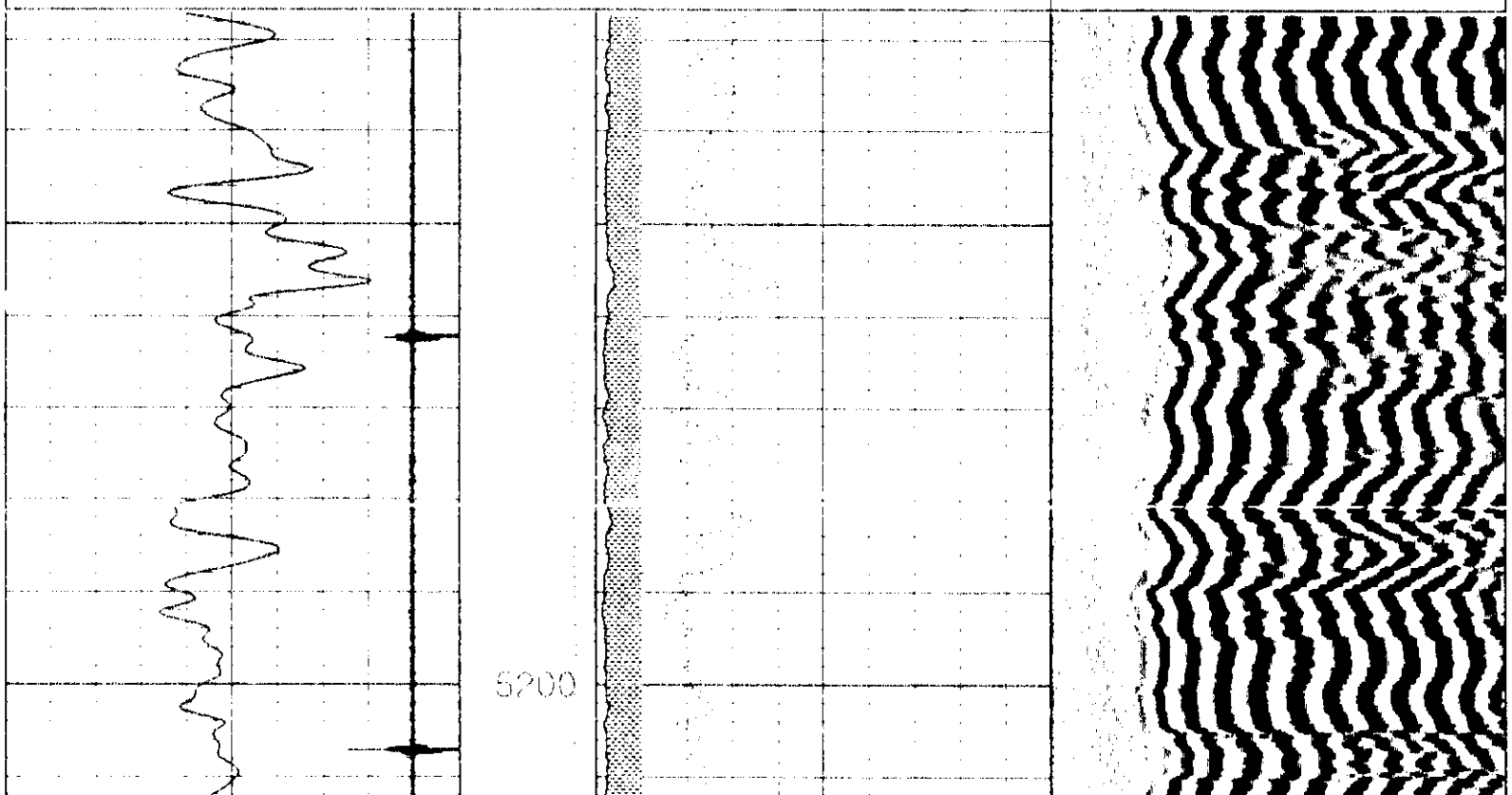
100% QUALITY  
100% SAFETY  
100% RELIABILITY

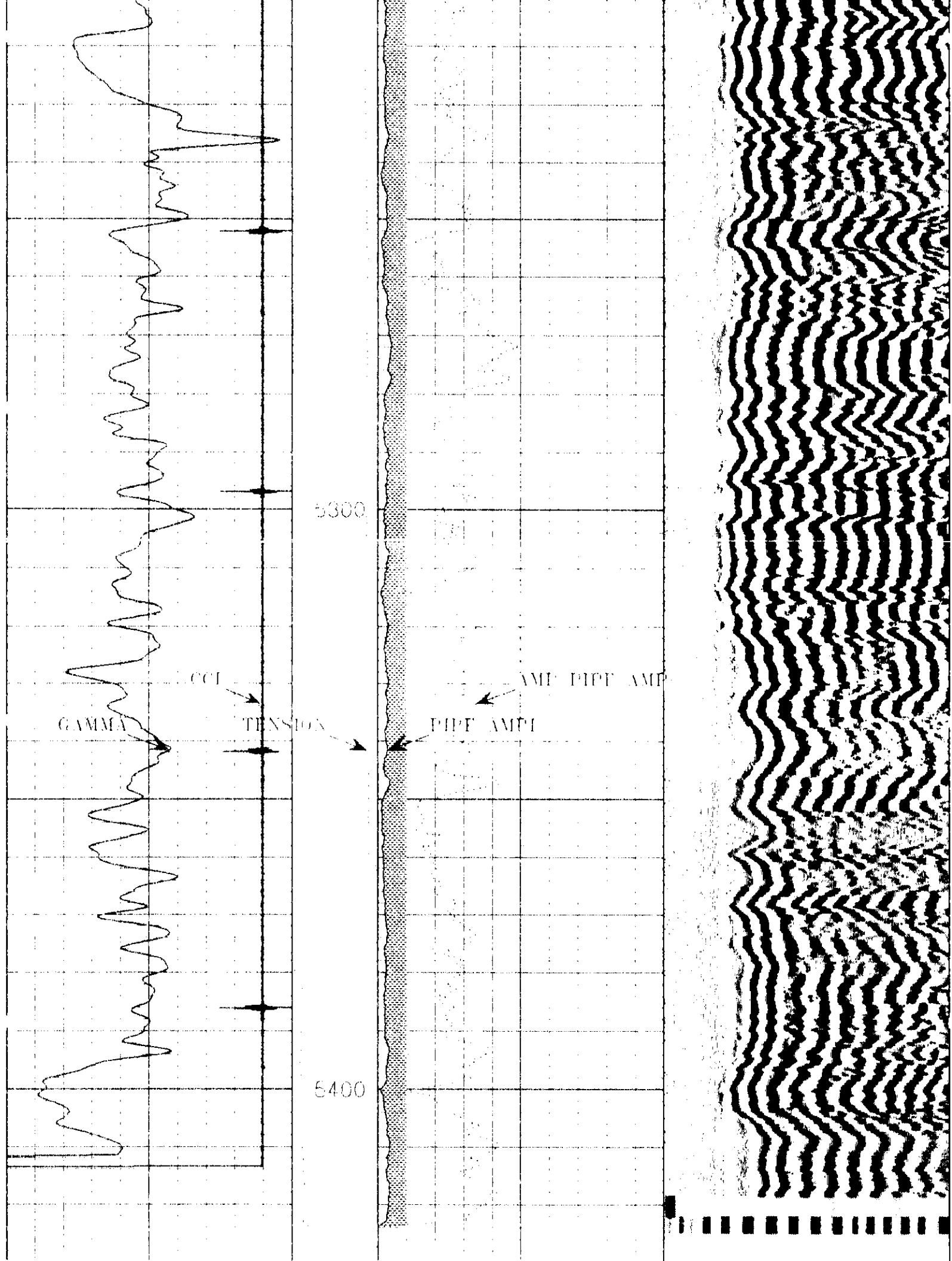
100% QUALITY  
100% SAFETY  
100% RELIABILITY

0	GAMMA GAMMA API	150	TENSION POU/1850	0	PIPE AMPL	100	200	MSG 4-uSEC	1200
0	CCL	3650	1240 FT	0	AMP PIPE AMP	10			

300

-50







0	CCL	3650	1240 FL	0	AMP PIPE AMP	10	
0	GAMMA GAMMA API	150	TENSION POUNDS	0	PIPE AMPL	100	200
							MSG 4-USEC 1200



### REPEAT SECTION

### EXCELL-2000 Calibration Report

Date: 31-Mar-1998 09:33

#### DC NATURAL GAMMA SHOP CALIBRATION SUMMARY

PERFORMED: 23-Mar-1998 15:50 LAST SHOP CALIBRATION: 23-Feb-1998 16:38  
 SERIAL NUMBER: 33108 MODEL: UGR-HA  
 TRUCK UNIT NUMBER: 7609 PROGRAM VERSION: 3.40  
 PERFORMED BY: CLIFF EDMUNDS

	MEASURED	CALIBRATED	UNITS
BACKGROUND	-27467	82	GAPI
BACKGROUND+CALIBRATOR	-98256	294	GAPI
CALIBRATOR	-70788	212	GAPI
GAPI CONVERSION FACTOR	0.351		GAPI/CPS

#### DC NATURAL GAMMA BEFORE SURVEY FIELD CHECK SUMMARY

PERFORMED: 23-Mar-1998 15:53 LAST SHOP CALIBRATION: 23-Mar-1998 15:50

	SHOP	FIELD	UNITS
BACKGROUND	82	83	GAPI
BACKGROUND+CALIBRATOR	294	291	GAPI
CALIBRATOR	212	208	GAPI

#### CEMENT BOND TOOL - CBT - HA SHOP CALIBRATION SUMMARY

PERFORMED: 31-Mar-1998 09:31 LAST SHOP CALIBRATION: 31-Mar-1998 09:28  
 SERIAL NUMBER: HA046 MODEL: CBT-HA  
 TRUCK UNIT NUMBER: 7609 PROGRAM VERSION: 3.40  
 PERFORMED BY: CLIFF EDMUNDS

	MEASURED	CALIBRATED	UNITS
ZERO PIPE AMP NEAR	3.09		API PU
PIPE REFERENCE AMP NEAR	104.16	71.93	API PU
ZERO PIPE AMP FAR	226.01	0.00	API PU
PIPE REFERENCE AMP FAR	69.02	71.93	API PU

**CEMENT BOND TOOL - CBT- HA BEFORE SURVEY FIELD CHECK SUMMARY**  
**PERFORMED: 31-Mar-1998 09:33 LAST SHOP CALIBRATION: 31-Mar-1998 09:31**

	FIELD BEFORE MEASURED	FIELD BEFORE CALIBRATED	UNITS
BOND PIPE AMP	2.99	3.09	API PU
FREE PIPE AMP	70.56	71.93	API PU

**EXCELL-2000 Calibration Summary Table**  
**Date: 31-Mar-1998 09:33**

Service or Signal	Shop	Before	After	Change	Tolerance
GAMMA	212	208		4	+/- 9.0
FREE PIPE AMP	71.926	71.926		-1.365	+/- 5

**EXCELL-2000 CUSTOMER EVENT LOG**  
**Date: 31-Mar-1998 11:33**

Event	Time	Section	Depth	Event Description	Data	Repeat
0001	09:23:20	0	0.00	Engineer is: CLIFF EDMUNDS		
0002	09:33:41	0	5181.16	Exiting EXCELL-2000 tool calibrations.	FIELD	
0003	09:37:43	1	579.25	Begining new Uplog section.		1
0004	09:39:46	1	491.25	End logging section		1
0005	09:43:45	1	523.83	Exiting EXCELL-2000 tool calibrations.	FIELD	
0006	10:05:06	2	5430.75	Begining new Uplog section.		2
0007	10:10:36	2	5125.25	End logging section		2
0008	10:13:17	3	5432.25	Begining new Uplog section.		3
0009	11:20:13	3	1324.91	End logging section		3

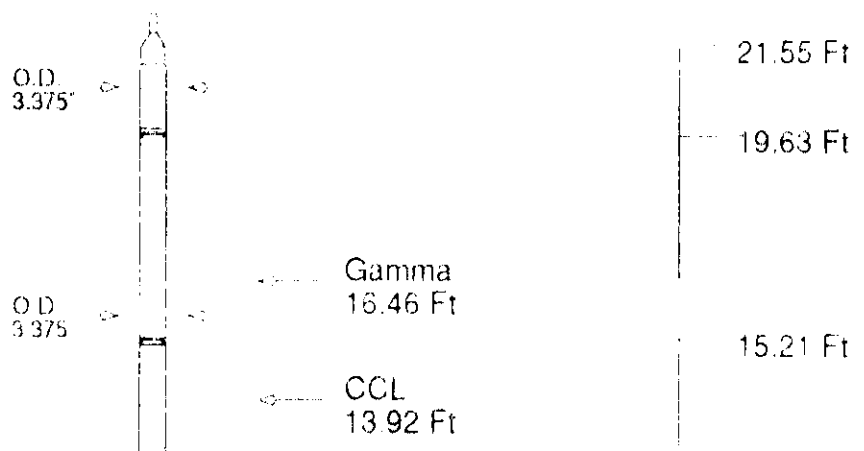


**CEMENT BOND LOG**

**Excell 2000 Tool String Diagram**

NATURAL GAMMA  
(UGR-HA) SN: 33108

UNIVERSAL CCL  
(UCCL-UN)



CEMENT BOND TOOL  
(CBT-HA) SN: HA046

11.25 Ft

TRANSIT TIME NEAR  
PIPE AMPLITUDE NEAR  
5.50 Ft  
TRANSIT TIME FAR  
PIPE AMPLITUDE FAR  
4.50 Ft

O.D.  
3.250"

0.00 Ft

Tool Mnemonic	Length (Ft)	Weight In Air (lbs)	Logging Speed (Ft/min)
UGR-HA	4.42	10.00	200.00
UCCL-UN	3.96	10.00	N/A
CBT-HA	11.25	215.00	30.00
Tool String	19.63	235.00	30.00

COMPANY PETROGLYPH OPERATING COMPANY

WELL UTE TRIBAL #31-05

FIELD ANTELOPE CREEK

COUNTY DUCHESNE STATE UT.



HALLIBURTON

CEMENT  
BOND  
LOG

RECEIVED APR 01 1998